

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001831

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: A61M 16/18, F16L 29/04**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: A61M, F16L**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1304132 A1 (SIEMENS-ELEMA AB), 23 April 2003 (23.04.2003), column 1, line 1 - column 3, line 17, cited in the application	1,3,4
A	--	5-7
Y	WO 9823891 A1 (TOBIASZ ANDRE), 4 June 1998 (04.06.1998), figures 3,4, abstract	3,4
Y	GB 898955 A (KENNETH WHITE PEARSON), 14 June 1962 (14.06.1962), page 1, line 44 - page 2, line 113, figures 2,3	1,3,4
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 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
**2 March 2005**

Date of mailing of the international search report

**09-03-2005**Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Bo Gustavsson/MN  
Telephone No. + 46 8 782 25 00

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EP	1304132	A1	23/04/2003	JP	2003190288 A	08/07/2003
				SE	0103473 D	00/00/0000
				US	20030075241 A	24/04/2003

WO	9823891	A1	04/06/1998	DE	19781555 T	11/03/1999
				EP	0890054 A,B	13/01/1999
				ES	2180069 T	01/02/2003
				FR	2759143 A,B	07/08/1998

GB	898955	A	14/06/1962	NONE
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